10

## ABSTRACT

Flame retardants for resins, which contain as the principal component phosphorinane-type phosphates represented by general formula (I) (wherein R<sub>1</sub> and R<sub>2</sub> are each independently C<sub>1</sub>-C<sub>6</sub> alkyl; and R<sub>3</sub> is C<sub>1</sub>-C<sub>20</sub> alkyl), and which can impart excellent flame retardance to resins without lowering in the physical properties inherent in the resins and are excellent in resistance to hydrolysis and free from halogen; and flame-retarded resin compositions excellent in mechanical characteristics.

$$R_{1} \setminus C H_{2}O \setminus O \\ C \setminus C H_{2}O \setminus PO-R_{3}$$
 (I)